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Docket No.: CIS0046US

October 24, 2005

Mail Stop AF

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Re: Applicants: Faisal Haq; Hari K. Lalgudi  
Assignee: Cisco Technology, Inc.  
Title: IMPLEMENTING ACCESS CONTROL LISTS USING A BALANCED HASH  
TABLE OF ACCESS CONTROL LIST BINARY COMPARISON TREES  
Serial No.: 09/483,110  
Examiner: Frank Doung  
Docket No.: CIS0046US  
Filed: January 14, 2000  
Group Art Unit: 2666

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Return Receipt Postcard;
- (2) This Transmittal Letter (1 page) (in duplicate); and
- (3) Response To Final Office Action (18 pages).

- ☒ No additional fee is required.  
☒ The fee has been calculated as shown below:

**CLAIMS AS AMENDED**

	<u>Claims Remaining After Amendment</u>		<u>Highest No. Previously Paid For</u>		<u>Present Extra</u>	<u>Rate</u>		<u>Additional Fee</u>
Total Claims	64	Minus	64	=	0	x \$ 50.00	\$	0.00
Independent Claims	4	Minus	4	=		x \$200.00	\$	0.00

**Total additional fee for this Amendment:** \$ 0.00

- ☒ Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.
- ☐ Please charge our Deposit Account No. 502306 in the amount of \$ 0.00
- ☒ Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 502306.

**Total:** \$ 0.00

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 24, 2005.

Brenna A. Brock 10/24/2005  
Attorney for Applicants Date of Signature

Respectfully submitted,

Brenna A. Brock  
Brenna A. Brock  
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Faisal Haq; Hari K. Lalgudi  
Assignee: Cisco Technology, Inc.  
Title: Implementing Access Control Lists Using A Balanced Hash Table of Access Control List Binary Comparison Trees  
Serial No.: 09/483,110 Filing Date: January 14, 2000  
Examiner: Frank Doung Group Art Unit: 2666  
Docket No.: CIS0046US

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Austin, Texas  
October 24, 2005

Mail Stop AF  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO FINAL OFFICE ACTION**

Dear Sir:

This paper is responsive to the Office Action dated August 23, 2005, having a shortened statutory period expiring on November 23, 2005. Further examination and reconsideration are respectfully requested in view of the amendments and remarks set forth below.

No Amendments to the Specification or Drawings are presented in this paper.

A listing of claims begins on page 2 of this paper.

Remarks begin on page 16 of this paper.